

3.8-95

MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE

EPA Region 5 Records Ctr.



274096

Reporting Period: FY95, Q1

Site name: North Bronson Industrial Area CA #: V005934-01
Activity: RI/FS Budget period ends: 4/30/96

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:
(PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD, CORRECTIVE MEASURES TAKEN OR
PLANNED) IDENTIFY BY TASK NAME AND NUMBER:

Task 5: Phase II Remedial Investigation
This task was completed in December 1991.

Task 6: Remedial Investigation Report
This task was completed in July 1993.

Task 7: Baseline Risk Assessment
This task was completed in July 1993.

✓ Task 8: Alternatives Array
Receipt and review of the draft Alternatives Array (AA) document completes this task. The draft AA document will not be revised and resubmitted for final approval. However, draft AA comments provided by the EPA and the MDNR will be addressed by the state contractor in the FS.

Task 9: Feasibility Study
Warzyn Inc. the state contractor merged with Montgomery Watson. The new company will retain the name of Montgomery Watson. The draft feasibility study (FS) was due January 13, 1995. The MDNR requested and received EPA approval to extend this date to February 13, 1995. The MDNR and Montgomery Watson held a meeting to discuss problems and the current FS schedule and to commit to keeping the April 14, 1995 deadline for the final FS.

Task 10: Proposed Plan

None.

Task 11: Administrative Record
None.

Task 12: Draft ROD
None.

Task 13: Final ROD
None.

Multi-Site Cooperative Agreement V005934 North Bronson Industrial Area

Task 14: Post ROD/Closeout

None.

PERCENTAGE OF ACTIVITY SCHEDULED TO BE COMPLETED: 80%

PERCENTAGE OF ACTIVITY ACTUALLY COMPLETED: 75%

EXPLANATION OF SIGNIFICANT DIFFERENCE: A schedule revision for the draft FS was submitted and approved by the EPA.

FINANCIAL REPORTING FOR EACH ONGOING TASK

	<u>CONTRACTOR</u>	<u>AGENCY</u>
TASK 9 - FEASIBILITY STUDY		
Estimated Expenditures This Quarter (thru Invoice #95)	\$1,300	\$2,000
Estimated Expenditures to Date:	\$20,000	\$13,000

Task 9: FEASIBILITY STUDY BUDGET: \$ 150,000

ESTIMATED EXPENDITURES: \$ 33,000

ESTIMATED BALANCE: \$ 127,000 ✓✓

FINANCIAL REPORTING

	<u>CONTRACTOR</u>	<u>AGENCY</u>
ESTIMATED EXPENDITURES THIS QUARTER:	\$ 1,300	\$ 2,000
RI/FS BUDGET:	\$ 1,200,000	\$ 240,000
ESTIMATED EXPENDITURES TO DATE:	\$ 900,000	\$ 175,000
ESTIMATED BALANCE:	\$ 300,000	\$ 65,000

TOTAL FUNDING FOR THIS ACTIVITY (RI/FS): \$1,440,000

ESTIMATED EXPENDITURES TO DATE : \$1,075,000


FUNDS AND TIME REMAINING (BALANCE): \$ 365,000 and 14 months. ✓✓


ESTIMATED TIME AND FUNDS NEEDED TO COMPLETE REQUIRED WORK: 14 months and \$360,000

Multi-Site Cooperative Agreement V005934 North Bronson Industrial Area

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE: N/A

CONTRACTOR REPORT ATTACHED

Prepared by  Date 2/14/95
(Project Manager)

Approved by  Date 2/14/95
(Supervisor)

NOTE: The cost estimates for this reporting period should be viewed as rough estimates as they are based on incomplete expenditure data due to the new accounting system being implemented by the State of Michigan. Subsequent reports may need to revise this information as more complete expenditure data becomes available.

Jan-March

6/20/95

**MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE**

Reporting Period: FY95, Q2

**Site name: North Bronson Industrial Area (1C) CA #: V005934-01
Activity: RI/FS Budget period ends: 4/30/96**

**WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:
(PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD, CORRECTIVE MEASURES TAKEN OR
PLANNED) IDENTIFY BY TASK NAME AND NUMBER:**

Task 5: Phase II Remedial Investigation
Task complete December 1991.

Task 6: Remedial Investigation Report
Task complete July 1993.

Task 7: Baseline Risk Assessment
Task complete July 1993.

Task 8: Alternatives Array

Task complete September 1994. Receipt and review of the Draft Alternatives Array (AA) document completed this task. The draft AA document will not be revised and re-submitted for final approval. However, comments provided by the EPA and the MDNR will be addressed by the state contractor and incorporated in the FS. ✓

Task 9: Feasibility Study

Technical Review Meeting. Date: January 10, 1995. The MDNR site geologist and the project manager met with representatives of Montgomery Watson, the State contractor, to discuss FS progress and to clarify MDNR positions concerning the final FS.

Draft Feasibility Study. Date received: February 21, 1995. The draft FS was reviewed by the EPA, and the MDNR site geologist, project manager and engineer. Comments on the document were prepared by EPA and the MDNR and forwarded to the State consultant. Based on the comments, the consultant will prepare the final FS and submit it for approval to the EPA and MDNR on April 14, 1995.

Task 10: Proposed Plan

None.

Task 11: Administrative Record

None.

Multi-Site Cooperative Agreement V005934 North Bronson Industrial Area

Task 12: Draft ROD

None.

Task 13: Final ROD

None.

Task 14: Post ROD/Closeout

None.

PLANNED PERCENTAGE OF SCHEDULED ACTIVITY (Task 9) TO BE COMPLETED: 90%

ACTUAL PERCENTAGE OF ACTIVITY COMPLETED: 90%

EXPLANATION OF SIGNIFICANT DIFFERENCE: NA

FINANCIAL REPORTING FOR EACH ONGOING TASK

TASK 9 - FEASIBILITY STUDY

	<u>CONTRACTOR</u>	<u>AGENCY</u>
Planned Budget:	\$120,000	\$30,000
Estimated Expenditures This Quarter (thru Invoice #95):	\$ 0	\$ 6,400
Estimated Expenditures to Date:	\$ 20,000	\$19,400
ESTIMATED BALANCE:	\$100,000	\$10,600

FINANCIAL REPORTING

	<u>CONTRACTOR</u>	<u>AGENCY</u>
PLANNED RI/FS BUDGET:	\$1,200,000	\$ 240,000
ESTIMATED EXPENDITURES THIS QUARTER:	\$ 0	\$ 6,400
ESTIMATED EXPENDITURES TO DATE:	\$ 900,000	\$ 181,400
ESTIMATED BALANCE:	\$ 300,000	\$ 58,600

TOTAL FUNDING FOR THIS ACTIVITY (RI/FS): \$1,440,000
ESTIMATED EXPENDITURES TO DATE : \$1,081,400

FUNDS AND TIME REMAINING (BALANCE): **\$ 358,600 and 11 months.**

Multi-Site Cooperative Agreement V005934 North Bronson Industrial Area

ESTIMATED TIME AND FUNDS NEEDED TO COMPLETE REQUIRED WORK:

13 months and \$358,600

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE:

The MDNR did not receive an invoice from the contractor during this reporting period. Contractor expenditures for Quarter 2 of FY 95 are expected to be around \$90,000.

Prepared by

W. L. Harmon
(Project Manager)

Date

5/02/95

Approved by

George Argent
(Supervisor)

Date

5/4/95

April - May - June

MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE

Reporting Period: FY95 Q3

Site name: North Bronson Industrial Area (1C) CA #: V005934-01
Activity: RI/FS Budget period ends: 4/30/96

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:
(PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD, CORRECTIVE MEASURES TAKEN OR
PLANNED) IDENTIFY BY TASK NAME AND NUMBER:

Task 5: Phase II Remedial Investigation
Task complete December 1991.

Task 6: Remedial Investigation Report
Task complete July 1993.

Task 7: Baseline Risk Assessment
Task complete July 1993.

Task 8: Alternatives Array

Task complete September 1994.

Task 9: Feasibility Study

The MDNR received the final FS from Montgomery Watson on April 14, 1995. The document was forwarded to the EPA on April 18, 1995. After some minor changes the agencies finalized the FS May 9, 1995. ✓

On May 25, 1995 the MDNR project manager and the community relations specialist traveled to Bronson and briefed city officials on the RI/FS. The MDNR project manager and the community relations specialist also prepared an information bulletin and mailed it to the community with a planned receipt date of June 7, 1995. The purpose of the briefing and the bulletin was to summarize the RI/FS, describe the remedy selection process, present cleanup options under review, and provide the community with information on how to participate in the selection of the preferred alternative.

June
An informal public meeting, sponsored by the MDNR, was held in Bronson on June 15, 1995. MDNR representatives included the site project manager, the project manager's supervisor, the community relations specialist, and the site geologist. Representatives from the Michigan Department of Health were also in attendance. Approximately 50 members of the Bronson community attended the meeting. A second meeting was held April 16 with the elected officials to discuss concerns voiced by the community at the public meeting. MDNR representatives at this meeting included the project manager, the community relations specialist and the district project manager responsible for Part 201 activities.

The informal public meeting completed the FS phase of the RI/FS schedule.

Task 10: Proposed Plan

The MDNR project manager, site geologist and engineer developed a preferred alternative for the site. The alternative selected by this team consisted of several components of the alternatives screened in the FS. The project manager prepared a draft proposed plan and will present it to MDNR Superfund management in July. The draft proposed plan is due to the EPA July 15, 1995.

Task 11: Administrative Record

None.

Task 12: Draft ROD

None.

Task 13: Final ROD

None.

Task 14: Post ROD/Closeout

None.

PLANNED PERCENTAGE OF SCHEDULED ACTIVITY (Task 9) TO BE COMPLETED: 100%

ACTUAL PERCENTAGE OF ACTIVITY COMPLETED: 100%

PLANNED PERCENTAGE OF SCHEDULED ACTIVITY (Task 10) TO BE COMPLETED: 50%

ACTUAL PERCENTAGE OF ACTIVITY COMPLETED: 50%

EXPLANATION OF SIGNIFICANT DIFFERENCE: NA

FINANCIAL REPORTING FOR EACH ONGOING TASK

TASK 9 - FEASIBILITY STUDY	<u>CONTRACTOR</u>	<u>AGENCY</u>
Planned Budget:	\$120,000	\$30,000
Estimated Expenditures Quarter 3 (Invoice #96,97,98)	\$138,000*	\$ 8,000
Estimated Expenditures to Date:	\$158,000	\$27,400
ESTIMATED BALANCE:	\$(38,000)	\$ 2,600

Multi-Site Cooperative Agreement V005934 North Bronson Industrial Area

TASK 10 - PROPOSED PLAN

	<u>CONTRACTOR</u>	<u>AGENCY</u>
Planned Budget	\$0	\$50,000
Estimated Expenditures Quarter 3		\$ 4,000
Estimated Expenditures to Date:		\$ 4,000
ESTIMATED BALANCE:		\$46,000

FINANCIAL REPORTING

	<u>CONTRACTOR</u>	<u>AGENCY</u>
PLANNED RI/FS BUDGET:	\$1,200,000	\$ 240,000
ESTIMATED EXPENDITURES QUARTER 3	\$ 138,000*	\$ 12,000
ESTIMATED EXPENDITURES TO DATE:	\$1,038,000	\$ 193,000
ESTIMATED BALANCE:	\$ 162,000	\$ 47,000


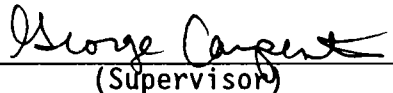
* Contractor expenditures includes invoices from quarters 1,2 and 3 not received until the third quarter.

TOTAL FUNDING FOR THIS ACTIVITY (RI/FS): \$1,440,000
TOTAL ESTIMATED EXPENDITURES TO DATE : \$1,231,000

FUNDS AND TIME REMAINING (BALANCE): \$ 209,000 and 6 months.

ESTIMATED TIME AND FUNDS NEEDED TO COMPLETE REQUIRED WORK: 6 months and \$209,000

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE: NA

Prepared by  Date 8/1/95
(Project Manager)
Approved by  Date 8/1/95
(Supervisor)

Note: The cost estimates for this reporting period should be viewed as rough estimates as they are based on incomplete expenditure data due to the new accounting system being implemented by the State of Michigan. Subsequent reports may need to revise this information as more complete expenditures data becomes available.

**MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE**

Reporting Period: FY95, Q4

Site name: North Bronson Industrial Area (1C) **CA #:** V005934-01
Activity: RI/FS **Budget period ends:** 4/30/96

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:
(PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD, CORRECTIVE MEASURES TAKEN OR
PLANNED) **IDENTIFY BY TASK NAME AND NUMBER:**

Task 5: Phase II Remedial Investigation
Task complete December 1991.

Task 6: Remedial Investigation Report
Task complete July 1993.

Task 7: Baseline Risk Assessment
Task complete July 1993.

Task 8: Alternatives Array

Task complete September 1994.

Task 9: Feasibility Study

Task complete May 9, 1995.

Task 10: Proposed Plan

The MDNR project manager, site geologist and engineer developed a preferred alternative for the site. The alternative selected by this team consisted of several components of the alternatives screened in the FS. The project manager prepared a draft proposed plan and presented it to MDNR Superfund management July 10, 1995. The draft proposed plan was rejected by MDNR management because the current definition of the site does not include potential contamination sources upgradient from the seepage lagoons. Superfund management requested the issue of upgradient sources be resolved before granting approval of the draft proposed plan. Additionally, the impact of the amendments to Part 201 of the Natural Resources and Environmental Protection Act, 1994 PA 451 on the FS needs to be evaluated. The amendments to 201 may change the remedial action objectives identified in the FS.

The MDNR project manager prepared and forwarded a letter August 2, 1995 requesting the EPA to reconsider the current site definition. Specifically, the MDNR project manager requested that the EPA include the North Bronson industrial sewer as part of the North Bronson Industrial Area Superfund site. Also, the MDNR project manager notified the EPA that the impact of amendments of Part 201 on the FS was under review. Because of these two issues, the proposed plan schedule will have to be revised to reflect the delay caused by the Part 201 review and the MDNR concern over the site definition.

The project manager also prepared a private well survey and sampling plan to address a data gap identified in the RI/FS. The objective of the sampling plan was to determine the impact, if any, of the Superfund site, on private wells downgradient from the site. A sampling crew of six people collected samples from nine homes located downgradient from the site. Samples were analyzed for VOCs metals and cyanide. The Michigan Department of Public Health laboratory conducted the analysis of the samples. The results from this sampling will be incorporated into the site file as an addendum to the FS.

Task 11: Administrative Record

The MDNR is reviewing and organizing the administrative record for the site.

Task 12: Draft ROD

None.

Task 13: Final ROD

None.

Task 14: Post ROD/Closeout

None.

PLANNED PERCENTAGE OF SCHEDULED ACTIVITY (Task 10) TO BE COMPLETED: 100%

ACTUAL PERCENTAGE OF ACTIVITY COMPLETED: 60%

EXPLANATION OF SIGNIFICANT DIFFERENCE: Refer to task 10 comments above.

PLANNED PERCENTAGE OF SCHEDULED ACTIVITY (TASK 11) TO BE COMPLETED: 40%

ACTUAL PERCENTAGE OF ACTIVITY COMPLETED: 40%

EXPLANATION OF SIGNIFICANT DIFFERENCE: NA

Multi-Site Cooperative Agreement V005934 North Bronson Industrial Area

FINANCIAL REPORTING FOR EACH ONGOING TASK

TASK 10 - PROPOSED PLAN	<u>CONTRACTOR</u>	<u>AGENCY</u>
Planned Budget	\$0	\$50,000
Estimated Expenditures* Quarter 4		\$10,000
Estimated Expenditures to Date:		\$14,000

ESTIMATED BALANCE:	\$36,000
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* Expenditures include personnel cost but not analytical costs for the private well survey. Analytical costs for the survey will be reported in the first quarter report for FY 96.

Task 11 - ADMINISTRATIVE RECORD	<u>CONTRACTOR</u>	<u>AGENCY</u>
Planned Budget	\$0	\$10,000
Estimated Expenditures Quarter 4	\$0	\$ 500
Estimated Expenditures to Date:	\$0	\$ 500

ESTIMATED BALANCE:	\$0	\$ 9,500
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FINANCIAL REPORTING

	<u>CONTRACTOR</u>	<u>AGENCY</u>
PLANNED RI/FS BUDGET:	\$1,200,000	\$ 240,000
ESTIMATED EXPENDITURES QUARTER 4	\$ 0	\$ 10,500
ESTIMATED EXPENDITURES TO DATE:	\$1,038,000	\$ 203,500
ESTIMATED BALANCE:	\$ 162,000	\$ 36,500

TOTAL FUNDING FOR THIS ACTIVITY (RI/FS): \$1,440,000

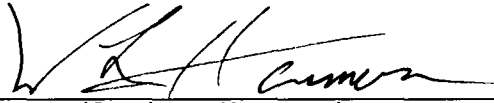
TOTAL ESTIMATED EXPENDITURES TO DATE : \$1,241,500

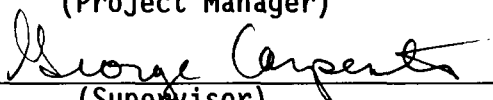
FUNDS AND TIME REMAINING (BALANCE): \$ 198,500 and 6 months.

ESTIMATED TIME AND FUNDS NEEDED TO COMPLETE REQUIRED WORK: 6 months and \$200,000

Multi-Site Cooperative Agreement V005934 North Bronson Industrial Area

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE: NA

Prepared by  Date 11/8/95
(Project Manager)

Approved by  Date 11/8/95
(Supervisor)

Note: The cost estimates for this reporting period should be viewed as rough estimates as they are based on incomplete expenditure data due to the new accounting system being implemented by the State of Michigan. Subsequent reports may need to revise this information as more complete expenditures data becomes available.